



# Introduction to the CMMI® Acquisition Module (CMMI-AM)

## Module 7: Conclusion



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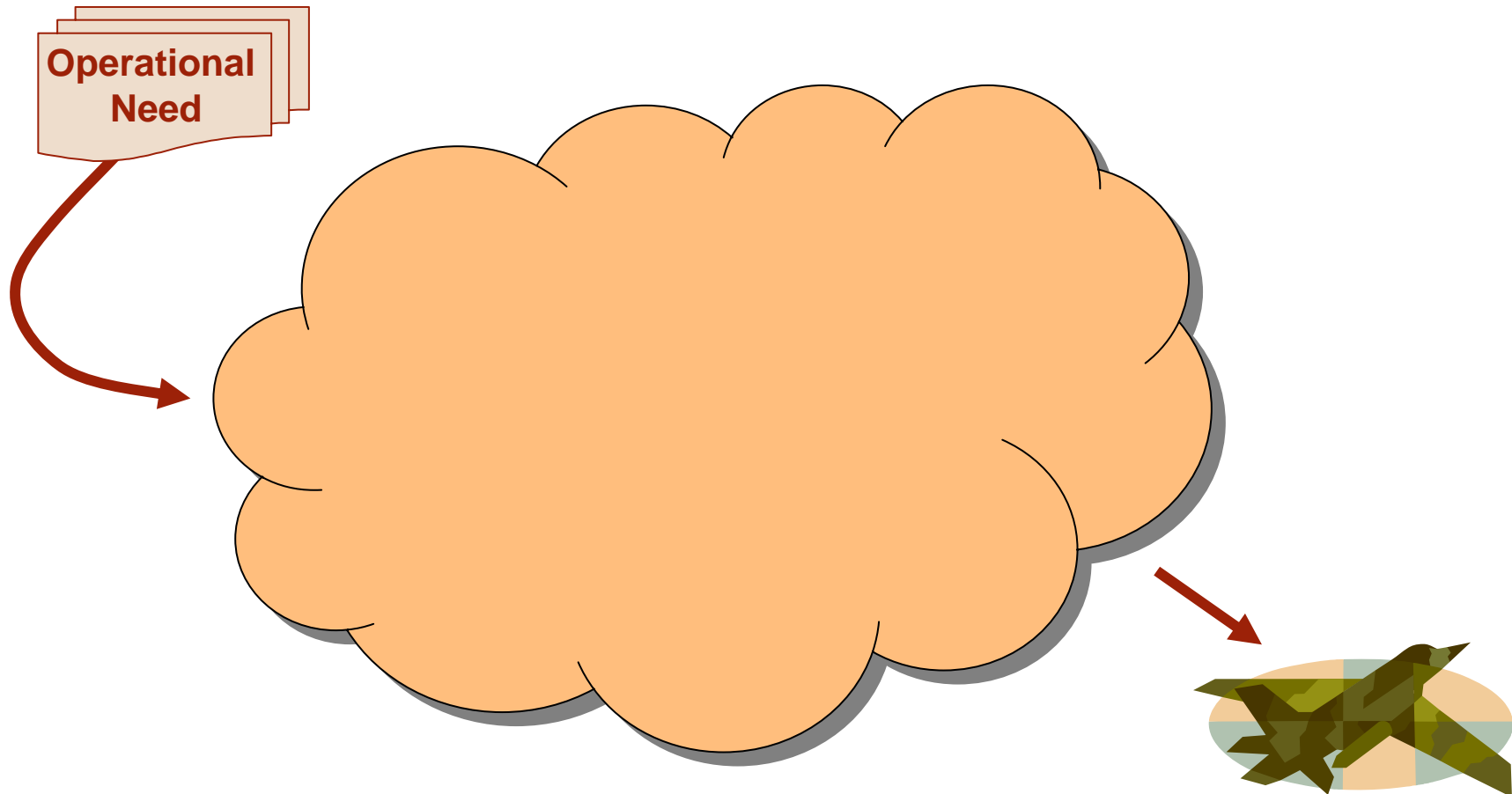
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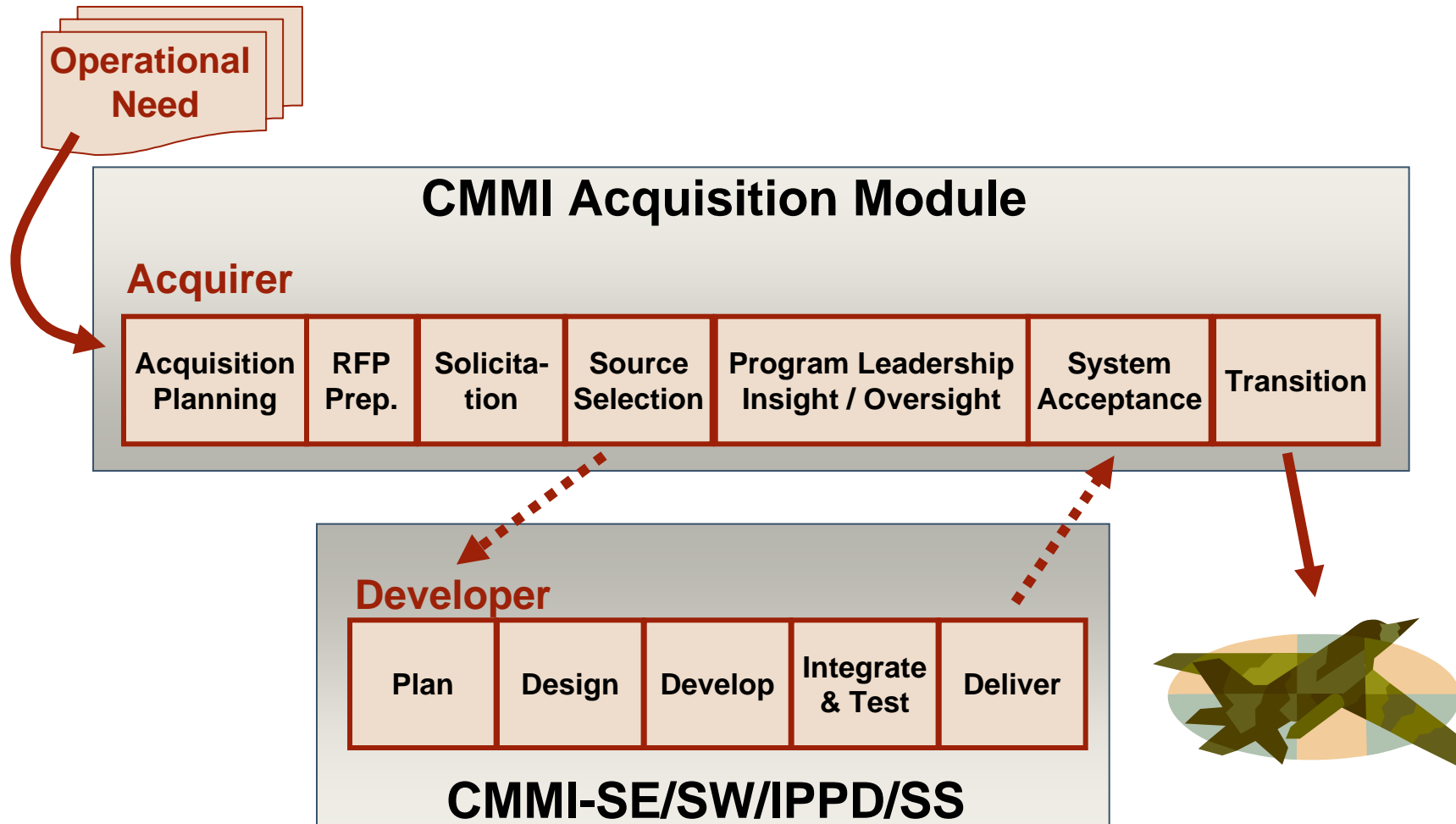


# “Ad Hoc” Acquisition Practices





# Explicit Acquisition Practices





# Questions to Ask About Your Program <sup>1</sup>

## If you are in the pre-award phase:

1. Do I have a sound risk management program with the PMO?
2. Do I have the proper staffing for the acquisition of a software intensive system?
3. Have I established good working relationships with ALL my stakeholders?
4. Have I considered and documented several alternative acquisition strategies?
5. Have I negotiated my acquisition strategy with all my stakeholders?
6. Do my RFP and/or contract address issues specific to software intensive systems?
7. Are my top-level requirements sound and do they include the "ilities?"



# Questions to Ask About Your Program <sup>2</sup>

**If you are early in execution (concept definition, risk reduction, and/or design phase):**

1. Do my PMO and contractor teams have sound processes in place, and can they be integrated appropriately?
2. Does my contractor have a robust risk management program that interfaces to the PMO risk program?
3. Are my system and software architectures responsive to functional and non-functional requirements and are they well documented? Has there been a technical evaluation?
4. Is my software design and code well documented and reviewed?
5. Are my test plans being written and reviewed early?
6. Is my schedule slipping such that the test time will be reduced unacceptably?



# Questions to Ask About Your Program <sup>3</sup>

## If you are later in execution (integration & test phase):

1. Does the contractor have a robust defect handling/tracking system?
2. Are the transition to operations and support plans being developed in time, does it include user input, and does it include any required system certifications?
3. Is the contractor developing a software maintenance plan (to include COTS/GOTS/Open Source)?
4. Is the configuration management system in place?
5. Is the software being tested for robustness as part of the system testing?
6. Are all the interfaces being tested?



# What Do I Do Now? <sub>1</sub>

## **If you are in an early program phase:**

- Evaluate the current state of process within the PMO
- Develop and execute a PMO process improvement plan

## **If you haven't released your RFP:**

- Ensure the RFP includes contractor process requirements
- Ensure the evaluation criteria reflect areas of process maturity
- Ensure you are asking for appropriate measures and artifacts to provide on-going assessment of contractor process compliance





# What Do I Do Now? 2

## **If you haven't signed the contract:**

- Include appropriate process related metrics in the contract
- Include process evaluations in the contract

## **If you are already executing the program:**

- Ensure your PMO staff has the correct skills to perform process management
- Discuss process models, process improvement plans, etc. with your contractor. Find out what he is presently doing. Evaluate this with respect to your needs. Consider contract mods to close the critical gaps



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